

GANYESA PROVINCIAL ROAD UPGRADE

Ganyesa to Madinyonyane, North-West Province, South Africa
(Working in a sensitive desert ecosystem)

PROJECT TYPE: Provincial road upgrade to asphalt

CLIENT:
North West Province

PROJECT DURATION:
22 Months

PROJECT DESCRIPTION:

Successful implementation of the Provincial Environmental Management Plan, Water Use Licence, Threatened Species Permit and Mining Permits for a new provincial road in a sensitive semi desert region.

CONTROLS:

Extensive pre-earth works botanical surveys resulted in the precise location of protected species such as:

- *Vachellia erioloba* (Camel thorn) and
- *Boscia albitrunca* (Shepherds tree).

Note: even not deemed threatened, other species such as *Vachellia hebeclada* occur here in dwarf form and are an essential anchor species for this ecosystem hence required management as well.

Water management was key and required upgrading communal water resources as a secondary project.

14 quarries were established for road material which had to be re-contoured with drainages systems and vegetation re-established.

